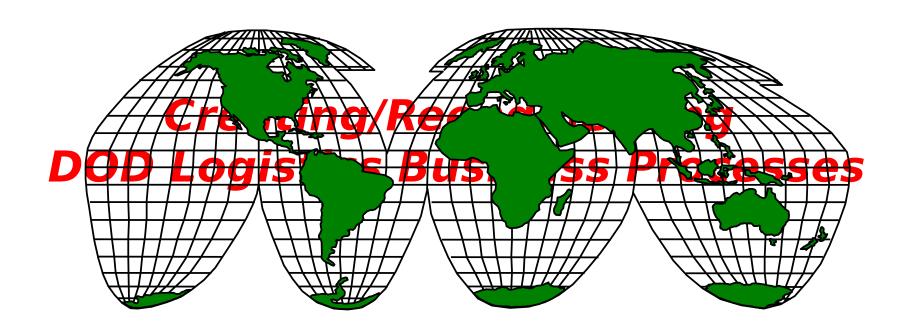


DLA Logistics Management Standards

(Formerly DLMSO)



Module 6



DLMS Training Catalog

- **Module 1 Introduction to the DLMS**
- Module 2 Electronic Data Interchange (EDI) Basics and ASC X12 EDI Definitions and Concepts
- **Module 3 DLMS Functionality & Transaction Life-Cycle**
- **Module 4 DLMS Transaction Supplement Content**
- Module 4F DLMS Functional Financial Transaction Life-Cycle
- Module 5 IUID & RFID Emerging Technologies
- Module 6 Creating/Reengineering DOD Logistics
 Business Processes
- Module 6A DLMS Configuration Management (stand alone Module)
- **Module 7 Enterprise Interoperability Tools**
- **Module 8 DoD Activity Address Directory (DoDAAD)**

Module 6

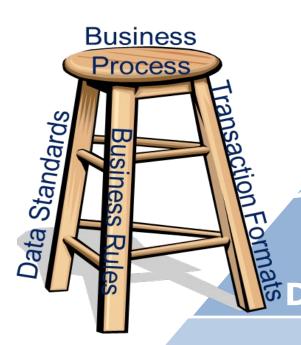
Module 6 - Creating / Changing DOD Logistics Business Processes

- Role of Process Review Committees (PRCs)
- How to develop a DLMS change
- http://www.dla.mil/j-6/dlmso



DLMS Governance

Process



Directives
Instructions OSD Policy Direction
Regulations
& Manuals

LMS Configuration
Management Standards Syndication
Process,
DLM 4000.25 Series

Systems Development: BEA Compliance Oversight

Systems Execution: DAAS applies syntax and semantic validation rules to transactions

Module 6



Process Review Committees

INPUTS

- OSD Policy Guidance
- Trading Partner Requirements & SMEs
- DLA Transaction Services SMEs &

Proposed DLMS Changes (PC Structured Collaboration Model

MANAGED
TRANSFORMATION
PROCESS

Artful
Negotiation
& Consensus
Building

OUTPUTS

- Business Rules
- Business Objects
- Meta Data
- Functional Requirements

Approved DLMS Changes (ADCs)

ttp://www.dla.mil/j-6/dlmso/About/committees.asp

Module 6 5

tise



DLMS Change Lifecycle

Component

DLMS PRC

Component

PDC Process Prior to

- Submission:

 1. Issue Identiffication: A

 determination of the
 problem, process gap or
 process improvement that is
 desired.
- 2. Socialization within the Component SMEs of the issue and postulation of alternative solutions.
- 3. Imitial heads-up comtact with Component PRC representative and DLA Logistics Management Standards PRC chairperson.
- 4.. Follow DLM 4000.25
 imstructions for draffting
 Proposed DLMS Change (PDC)
- 5.. Provide unofficial draft copy to DLA Logistics Management Standards PRC chairperson
- 6. Internal Component staffling, review. finalization.
- 7.. Sulbrmit PDC to DLA Logistics
 Management standards

<u>DLA Logistics</u>
<u>Management Standards</u>
Process Review

Committee

- 1. Structured Collaboration Model
- 2. DLA Logistics
 Management Standards
 Managed Transformation
 Process
- 3. Artful Negotiation & Consensus Building Addition al Details Follow

ADC Process:

- 1. Review ADC and determine affected Component Organizations and systems
- 2. Distribute ADC to affected organizations
- 3. Prepare system change requests for system developers/integrators
- 4. Receive ROM estimates of resources and schedules
- 5. Submit to system configuration management board for prioritization, resourcing and scheduling
- 6. Perform system lifecycle release management tasks of documentation, coding, testing, and release.
- 7. Make necessary change to Component publications
- 8. Conduct necessary

Module 6
Representative.



PRC Process

Requirement Identified PDC Prepared

Componen



DLMS

DLMS

Solution Documented

ADC Published

PDC Reviewed for Methodology, Compliance

Contraction of :

DLMS

- **Business Process & Sub Processes**
- Actors, Entities & Roles
- Procedures & Business Rules
- Data Elements
- Information Exchanges
- **Organizational Impact & Timelines**
- Existing DoD policy

PDC Staffing

- Draft changes to DLSS/DLMS Manuals
- Draft changes to DLMS Supplements
- Identify whether solution already exists
- Identify interoperability impact
- Identify DoD impact
- Identify changes to external business policies
- Optimize solution for reuse, effectiveness & efficiency
 - Identify procedural gaps
- OSD Pre-Coordination (as needed)

Inter- Component

.coordination the changes



Identify procedural gaps

- Componen
- Service or Agency impact
- Service or Agency implementation timeframes
- Barriers to implementation



ADC Distribution

- Publish DLSS/DLMS Manuals
- Publish DLMS Supplements
- Publish XSD Files





2

change Propose solution for

Submit to National and

Submit Data Maintenance (DM) for

DM

- Build consensus for
- Champion solution throughout development & voting

International Standards Bornes

DLMS

ADC Staffing

- •Formalize changes to DLSS/DLMS Manuals
- Formalize changes to DLMS Supplements
- ·Manage and coordinate Component issues & concerns Publish SEF Files
- Consolidate changes to DLSS/DLMS Manuals
- OSD Post-Coordination (as needed)
 - Build SEF
 - **Files Build XSD Files**





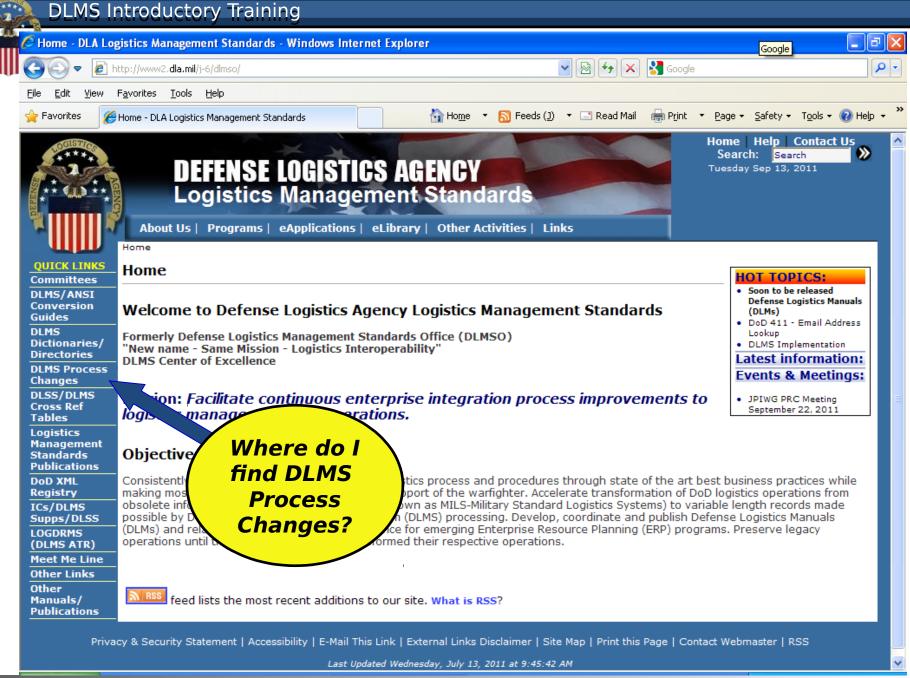
Module 6



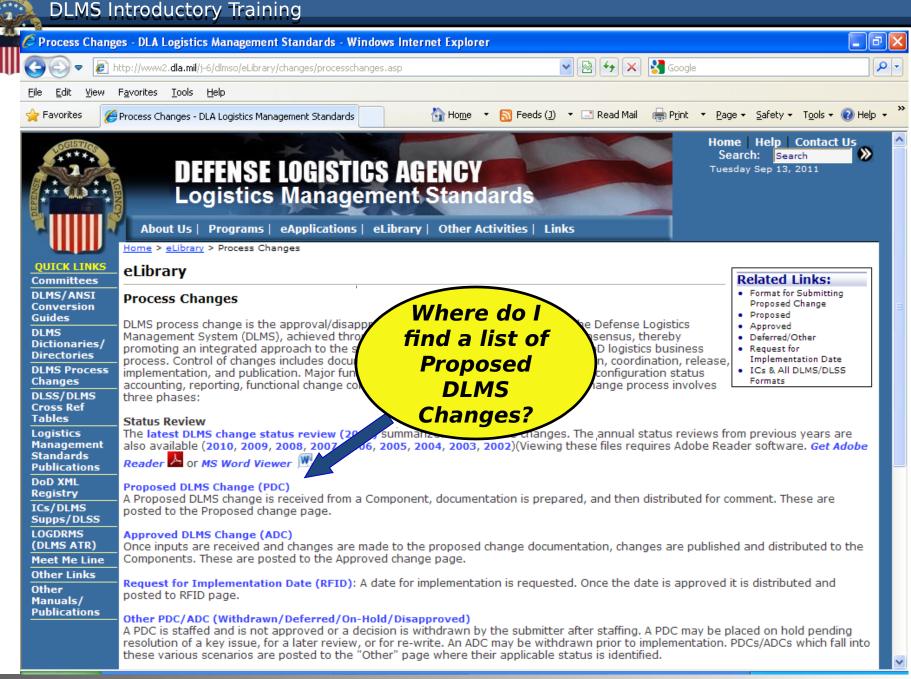
Next:

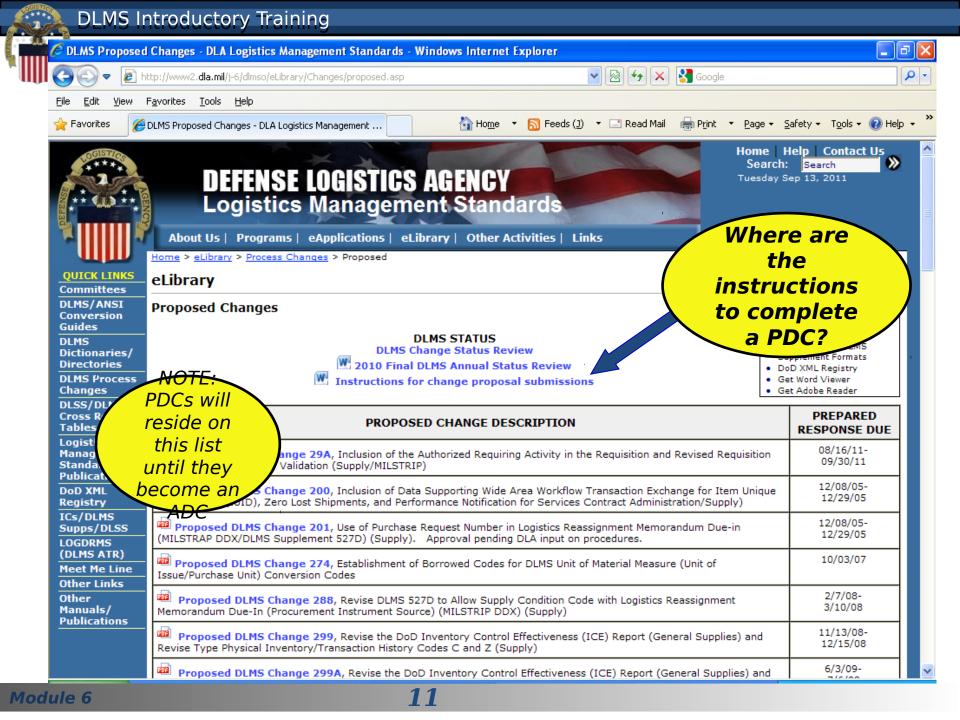
How to create a PDC & Where to find examples

Module 6



9







DLMS Change Proposal

Form

DLMS Change Proposal Form

- 1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:
 - a. Technical POC:
 - b. Functional POC:
- 2. FUNCTIONAL AREA:
 - a. Primary/Secondary Functional Area:
 - b. Primary/Secondary Functional Process:
- 3. REFERENCES:
 - a.
 - b.
- 4. REQUESTED CHANGE(S):
 - a. Brief Overview of Change:
 - b. Background:
 - c. Describe Requested Change in Detail
 - d. Revisions to DOD 4000.25 Manuals:
 - e. Proposed Transaction Flow:
 - f. Alternatives:
- 5. REASON FOR CHANGE:
- 6. ADVANTAGES AND DISADVANTAGES:
 - a. Advantages:
 - b. Disadvantages:
- 7. ASSUMPTIONS USED OR WILL BE USED IN THE CHANGE OR NEW DEVELOPMENT:
- 8. ADDITIONAL COMMENTS TO CONSIDER:
- 9. ADDITIONAL FUNCTIONAL REQUIREMENTS:
- 10. ESTIMATED TIME LINE/IMPLEMENTATION TARGET:

11. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE:

12. IMPACT:

- a. New DLMS Data Elements:
- b. Changes to DLMS Data Elements:
- c. Automated Information Systems (AIS):
- d. DLA Transaction Services:
- e. Non-DLA Logistics Management Standards Publications:

Instructions for completing the form are at the end of the file.

2



Preparing a Good PDC

GENERAL INSTRUCTIONS

- All fields are mandatory unless noted otherwise
- The more detail, the better
- Pay particular attention to describing the supported business process
- Provide full POC contact information; PII will be removed when the PDC is published
- Delete instruction pages when done
- Submit draft PDC to Component PRC representative



Originating Service/Agency and POC Infญรสุเคล

1. ORIGINATING SERVICE/AGENCY AND POC

INFORMATION: Identify the person who can discuss the concepts, needs, and the rationale underlying the proposed change. Include the name, organization and office symbol, DSN and commercial telephone number, and electronic mail address.

- **Technical POC:** Technical Point of Contact responsible for this change.
- **b.** <u>Functional POC</u>: Functional Point of Contact responsible for this change.



Originating Service/Agency and POC Information BAD EXAMPLE:

1. ORIGINATING SERVICE/AGENCY AND POCINFORMATION:

- a. Technical POC: John
- b. Functional POC: None

GOOD EXAMPLE:

- 1. ORIGINATING SERVICE/AGENCY AND POCINFORMATION:
 - **Technical POC:** Jane Doe, DLA Logistics Management Standards, J627, (703) 767-0001, jane.doe@dla.mil
 - **b.** <u>Functional POC</u>: John Trans, United States
 Transportation Command, TCJ6, (618) 220-0001,
 john.trans@ustranscom.mil



Functional Area

INSTRUCTIONS

2. FUNCTIONAL AREA:

- a. <u>Primary/Secondary Functional Area</u>: Identify the primary/secondary functional area whose systems, policies, and procedures are most affected by the change (e.g.: Supply, Finance, Pipeline Measurement, Contract Administration, etc.
- b. <u>Primary/Secondary Functional Process</u>: Identify the primary/secondary functional process(es) most affected by the change in procedure or process (e.g.: Distribution, Sustainment, Disposal, Material Return Program, Depot Maintenance, Inventory Adjustment, etc.



Functional Area

BAD EXAMPLE:

2. FUNCTIONAL AREA:

- a. Primary/Secondary Functional Area: N/A
- b. Primary/Secondary Functional Process: None

GOOD EXAMPLE:

2. FUNCTIONAL AREA:

- a. Primary/Secondary Functional Area: DoDAAD
- **b.** <u>Primary/Secondary Functional Process:</u>
 Reference Data Maintenance



References

INSTRUCTIONS

3.REFERENCES: List any applicable references (e.g., DLM 4000.25, Defense Logistics Management System (DLMS), Volume 2, Supply Standards and Procedures, Chapter 2).



References

BAD EXAMPLE:

3. REFERENCES: To Be Determined

GOOD EXAMPLE:

3. REFERENCE:

a. DLM 4000.25, Defense Logistics Management System (DLMS), Volume 6, Chapter 2, Department of Defense Activity Address Directory



Requested Change(s) INSTRUCTIONS

4. REQUESTED CHANGE(S):

- **a.** <u>Brief Overview of Change</u>: Provide high-level description of what this change entails.
- **b.** <u>Background</u>: Provide context for submission of this change. Include procedures, transactions, data elements, processing details in use today:
- c. <u>Describe Requested Change in Detail</u>: This is a detailed explanation of the changes identified in the overview above. Provide a description of the proposed changes including applicable data elements, transactions, and processes/procedures. The more detail provided here, the easier it will be for those reviewing this change to understand the desired outcome and impact.



Requested Change(s) - cont. INSTRUCTIONS

4. REQUESTED CHANGE(S):

d. Revisions to DLM 4000.25 Manuals: Identify required changes to Defense Logistics Standard Systems (DLSS) and DLMS publications to support this change and provide the specific wording for the changes. Include references to chapter and volume and document all changes to the DLSS/DLMS manual procedural text, legacy transaction formats or DLMS supplements, data elements, code values, and any other relevant information. If necessary, this information can be provided as a separate document when the form is submitted.



Requested Change(s) - cont. INSTRUCTIONS

4. REQUESTED CHANGE(S):

- e. <u>Proposed Transaction Flow</u>: Illustrate for clarification where new transactions or revised routing rules are applicable.
- **f.** <u>Alternatives</u>: Identify and discuss known alternate approaches to resolve the problem or issue._



Brief Overview of Change

BAD EXAMPLE:

4. REQUESTED CHANGE(S):

a. <u>Brief Overview of Change</u>: Fix the loading of the BLOC data in the DoDAAD.

GOOD EXAMPLE:

4. REQUESTED CHANGE(S):

a. Brief Overview of Change: This change documents the procedures that are applicable to the Bill of Lading Code (BLOC) in the DoDAAD, and changes the source of input from the DoDAAD Administrators to the Authoritative BLOC information source, USTRANSCOM Reference Data Management (TRDM). This will improve timeliness and accuracy of the BLOC data.



Background

BAD EXAMPLE:

4. REQUESTED CHANGE(S):

b. <u>Background</u>: Bill of Lading Office Code (BLOC) data incorrect in DoDAAD

GOOD EXAMPLE:

4. REQUESTED CHANGE(S):

Office Code (BLOC) is used are documented in the Defense Transportation Regulation (DTR). The primary user of BLOC information in the DoDAAD is the DLA Distribution Standard System (DSS). The BLOC data in the DoDAAD is currently entered by the DODAAD Administrators and it is unreliable. Of the 29,000 DoDAACs that contain BLOC information, all but 4 are set incorrectly.



Describe Requested Change in

BAD EXAMPLE:

4. REQUESTED CHANGE(S):

c. <u>Describe Requested Change in Detail</u>: Load BLOC from TMDS data.

GOOD EXAMPLE:

4. REQUESTED CHANGE(S):

- c. <u>Describe Requested Change in Detail</u>: The following procedures will correct the BLOC information in the DoDAAD:
 - 1) Remove BLOC field from the DoDAAD web updated page and from Army and Air Force input systems.
 - 2) Clear the existing BLOC information from the DoDAAD database.
 - Re-populate the BLOC information in the DoDAAD from TRDM.
 - 4) DLA Transaction Services establish a link to import BLOC data updates from TRDM on a recurring basis.



Revisions to DLM 4000.25

Manuals BAD EXAMPLE:

- 4. REQUESTED CHANGE(S):
 - d. Revisions to DLM 4000.25 Manuals: No change.

GOOD EXAMPLE:

- 4. REQUESTED CHANGE(S):
 - **d.** Revisions to DLM 4000.25 Manuals: This change will impact the DoDAAD User Guide maintained by DLA Transaction Services.
 - C2.1.2.1. Civilian government organizations (e.g., local government agencies or police department), contact the appropriate General Services Administration (GSA) DoDAAC Service Point to have a DoDAAC assigned. Special Programs. Non-DoD and non-federal programs requiring DoDAACs are controlled under unique series DoDAACs beginning with numeric followed by alpha characters in the first two positions. Among others, the programs include programs authorized by Congress for state and local entities to purchase material from Federal sources. DoD/Federal Agency sponsors of these programs are designated as DoDAAC monitors. Contact DLMSO for guidance on establishing a DoDAAC series for a new special program.



Proposed Transaction Flow

BAD EXAMPLE:

- 4. REQUESTED CHANGE(S):
 - e. Proposed Transaction Flow: TRDM to DoDAAD.

GOOD EXAMPLE:

- 4. REQUESTED CHANGE(S):
 - e. Proposed Transaction Flow: DLA Transaction Services and USTRANSCOM will establish an automated interface between TRDM and DoDAAD to electronically transmit the initial update of the BLOC data field in the DoDAAD. After the initial load, any updates to the BLOC data in TRDM will be automatically pushed to the DoDAAD.



Alternatives

BAD EXAMPLE:

- 4. REQUESTED CHANGE(S):
 - f. Alternatives: None.

GOOD EXAMPLE:

- 4. REQUESTED CHANGE(S):
 - **f.** Alternatives: Continuing to rely on manual data entry of this information by the CSP will further perpetuate the unreliability of the BLOC data, both in data quality and timeliness, since the CSPs are not the authoritative source for BLOC data as it relates to transportation office DoDAACs.



Reason for Change

INSTRUCTIONS

5.REASON FOR CHANGE: Provide a description of why this change is being made.



Reason for Change

BAD EXAMPLE:

5.REASON FOR CHANGE: Bad data.

GOOD EXAMPLE:

5.REASON FOR CHANGE: BLOC data in DoDAAD is currently unreliable, both in data quality and timeliness of updates.



Advantages and Disagyantages

6. ADVANTAGES AND DISADVANTAGES:

- **a.** Advantages: Identify both tangible and intangible benefits expected from adoption of the change. Include benefits both within and beyond the primary functional area of the DLSS/DLMS, especially benefits accruing to DOD. Address what happens if nothing is done. Quantify both tangible and intangible benefits and advantages. Show computation of dollar values where appropriate. Demonstrate why the proposed solution is more advantageous than the alternatives.
- b. <u>Disadvantages</u>: Indicate known or potential problems and costs associated with the proposal. Consider disadvantages both within and beyond the primary functional area of the DLSS/DLMS. Quantify both tangible and intangible costs and disadvantages. Show



Advantages & Disadvantages

BAD EXAMPLE:

6. ADVANTAGES AND DISADVANTAGES:

- a. Advantages: Better BLOC data.
- b. <u>Disadvantages</u>:

GOOD EXAMPLE:

6. ADVANTAGES AND DISADVANTAGES:

- **a.** <u>Advantages</u>: The change will ensure that BLOC data is maintained in a current and accurate condition from the authoritative data source.
- b. **Disadvantages**: None noted.



Assumptions/Additional Comments

INSTRUCTIONS

7.ASSUMPTIONS USED OR WILL BE USED IN THE CHANGE OR NEW DEVELOPMENT:

(OPTIONAL) Indicate any assumption about the existing environment that may impact the development or implementation of the proposed change.

8.ADDITIONAL COMMENTS TO CONSIDER:

(OPTIONAL) Indicate any additional comments to consider not previously described.

9.ADDITIONAL FUNCTIONAL REQUIREMENTS:

(OPTIONAL) Indicate additional functional requirements not documented elsewhere.

Implementation Target/Cost Savings/Avoidance

INSTRUCTIONS

- 10.ESTIMATED TIME LINE/IMPLEMENTATION

 TARGET: (REQUIRED) Indicate desired/proposed implementation timeline. If this change is associated with a Component-mandated change, provide the planned implementation date.
- 11.ESTIMATED SAVINGS/COST AVOIDANCE
 ASSOCIATED WITH IMPLEMENTATION OF
 THIS CHANGE: If known, indicate estimated savings
 or cost avoidance associated with this change.



Implementation Target

BAD EXAMPLE:

10.ESTIMATED TIME LINE/IMPLEMENTATION TARGET: Unknown.

GOOD EXAMPLE:

10. ESTIMATED TIME LINE/IMPLEMENTATION

TARGET: The changes will be implemented into TRDM and DoDAAD on November 1, 2012.



Cost Savings/Avoidance

BAD EXAMPLE:

11. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE:

GOOD EXAMPLE:

11.ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE: None noted.



INSTRUCTIONS

- 12. IMPACT: Any additions or changes to data elements will be inserted by DLMSO. (Example: Data Content/Procedures: Identify additional specific information requirements that will be added, revised, or deleted as a result of this change.)
 - **New DLMS Data Elements:** Example: This PDC/ADC adds the following new DLMS Data Elements; they are not included in any previous DLMS transactions. Provide the data element name with the definition and data characteristics.
 - b. Changes to DLMS Data Elements:

Example: This PDC/ADC changes the usage of the following existing DLMS Data Elements. Provide the data element name (or revised data element name) with the revised definition and/or revised data



Impact - cont.

INSTRUCTIONS

12. IMPACT:

- c. <u>Automated Information Systems (AIS):</u> Identify specific AIS impacted by this change.
- d. <u>DLA Transaction Services</u>: Identify impact to DLA Transaction Services processing or Defense Automatic Addressing Systems (DAAS) maps for DLSS-DLMS or other transaction format conversion.
- e. Non-DLM 4000.25 Manual Publications: List any non-DLMS/DLSS publications that would be affected by this change (e.g., if the change affects instructions published in an AFMAN, the specific AFMAN should be listed here).



BAD EXAMPLE:

12. IMPACT:

a. New DLMS Data Elements: N/A

GOOD EXAMPLE:

12. IMPACT:

a. New DLMS Data Elements: There are no new DLMS data elements introduced by this change.



BAD EXAMPLE:

12. IMPACT:

b. Changes to DLMS Data Elements: N/A

GOOD EXAMPLE:

12. IMPACT:

b. Changes to DLMS Data Elements:

There are no changes to existing DLMS data elements introduced by this change.



BAD EXAMPLE:

12. IMPACT:

c. <u>Automated Information Systems</u>

(AIS): Unknown

オッチっ

GOOD EXAMPLE:

12. IMPACT:

- c. <u>Automated Information Systems</u> (AIS):
 - There are no changes required to Service/Agency Automated Information Systems
 - USTRANSCOM TRDM to establish automated update capability with DoDAAD for BLOC



BAD EXAMPLE:

12. IMPACT:

d. DLA Transaction Services: N/A

GOOD EXAMPLE:

12. IMPACT:

d. DLA Transaction Services: DLA

Transaction Services will work with USTRANSCOM to setup an automated data feed of BLOC data from TRDM and update the DoDAAD whenever the BLOC data is changed in TRDM.



BAD EXAMPLE:

12. IMPACT:

e. Non-DLM 4000.25 Manual

Publications: Unknown

GOOD EXAMPLE:

12. IMPACT:

e. Non-DLM 4000.25 Manual Publications:

- 1) AFI 123.01, Chapter 2
- 2) NC 456.05, Chapter 4

DLMS Process Review Committees

INPUTS

- OSD Policy Guidance
- Trading Partner Requirements & SMEs
- DLMSO SMEs & Technical Expertise
- DLA Transaction

Proposed DLMS
Changes (PDCs)

Structured Collaboration Model

DLMS
MANAGED
TRANSFORMATION
PROCESS

Artful
Negotiation
& Consensus
Building

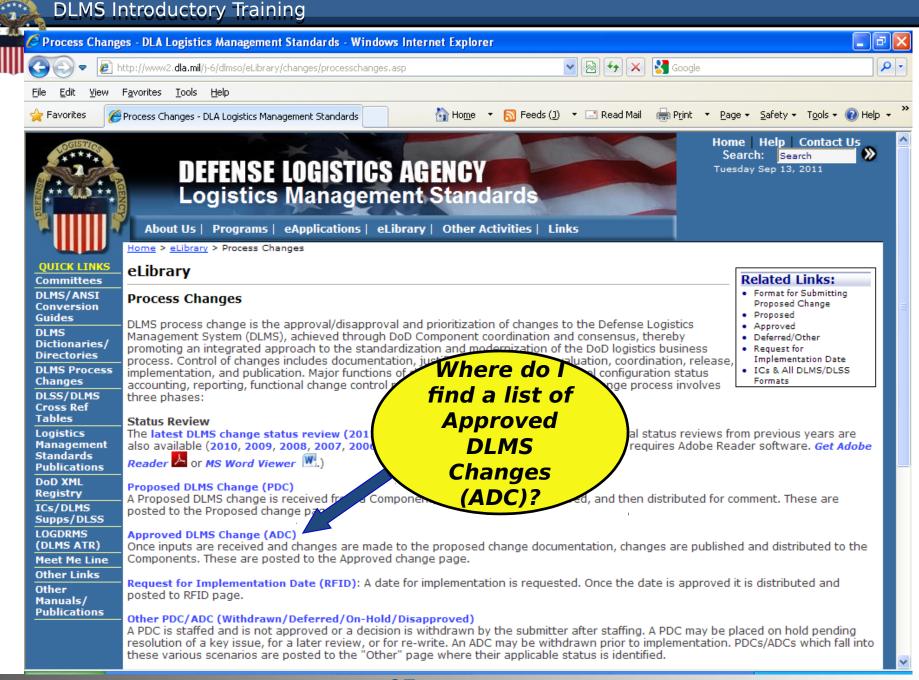
OUTPUTS

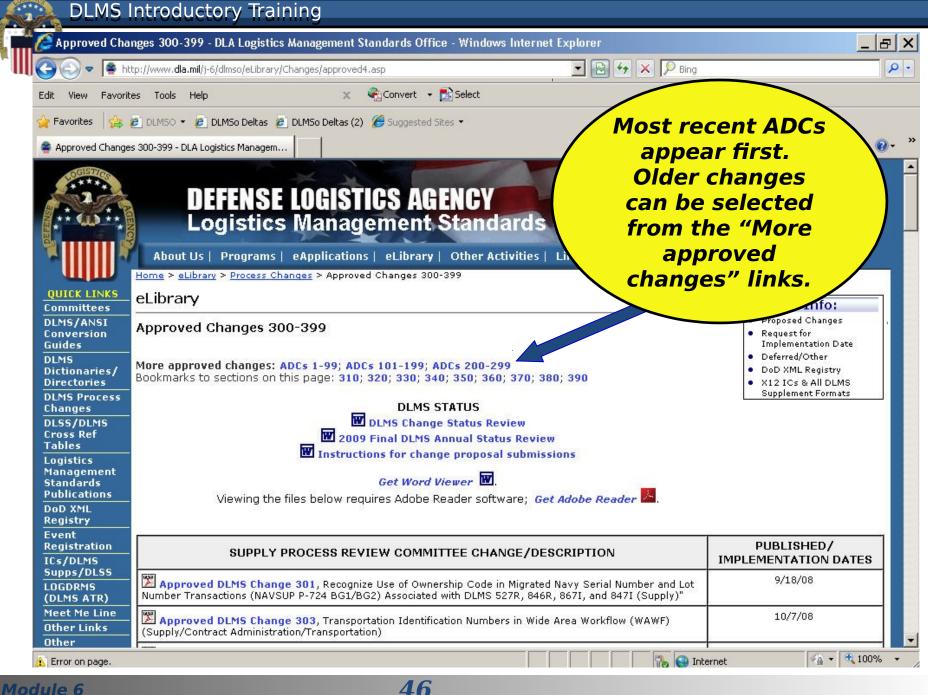
- Business Rules
- Business Objects
- Meta Data
- Functional Requirements

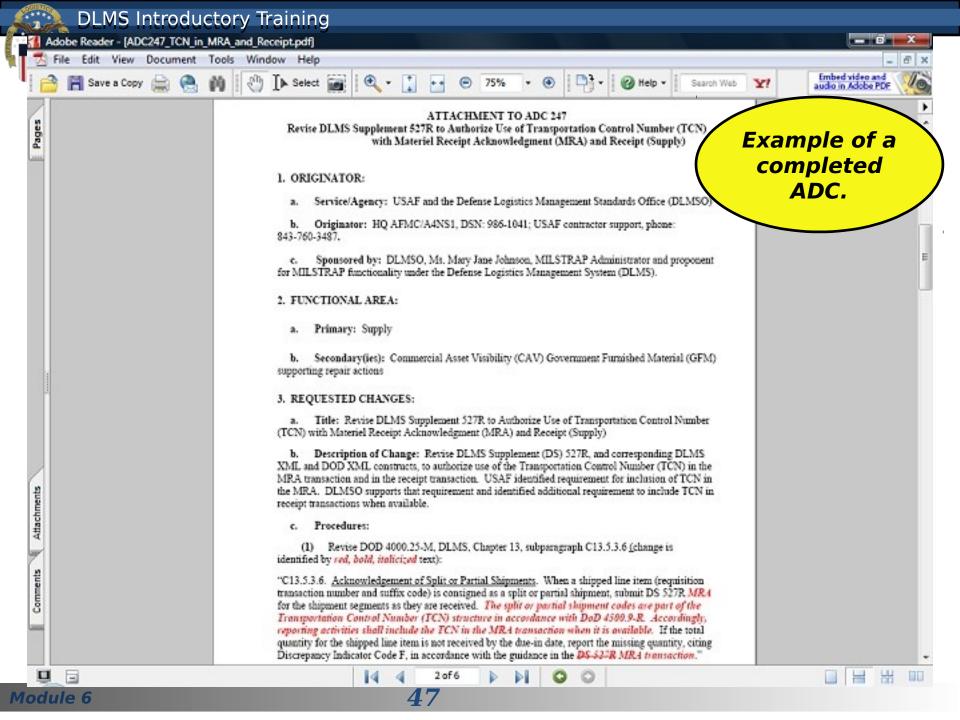
Approved DLMS Changes (AD

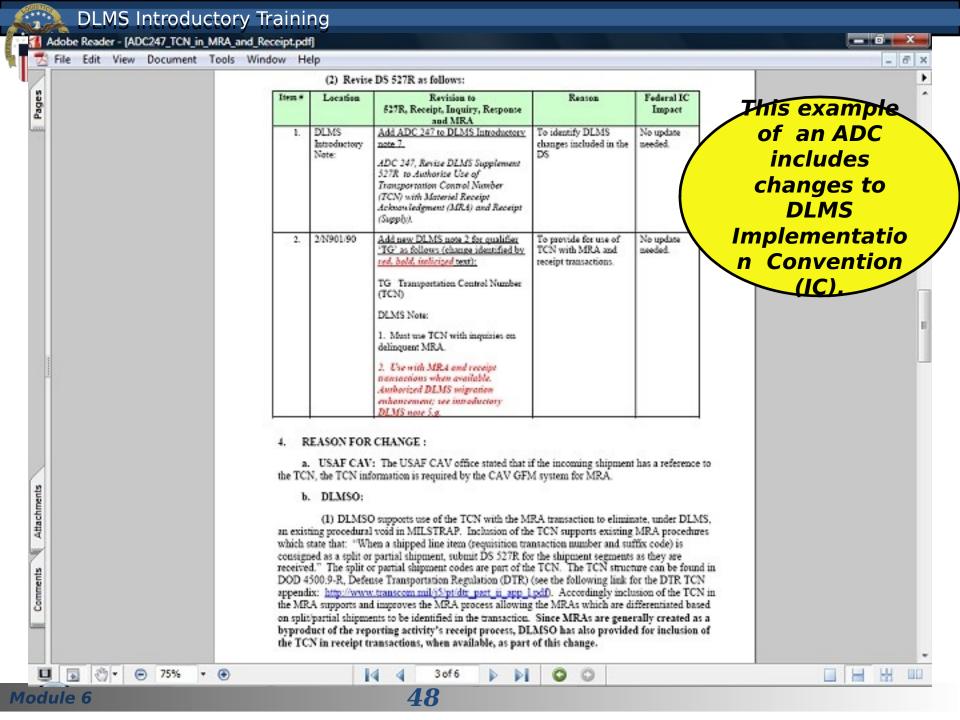
http://www.dla.mil/j-6/dlmso/About/committees.asp

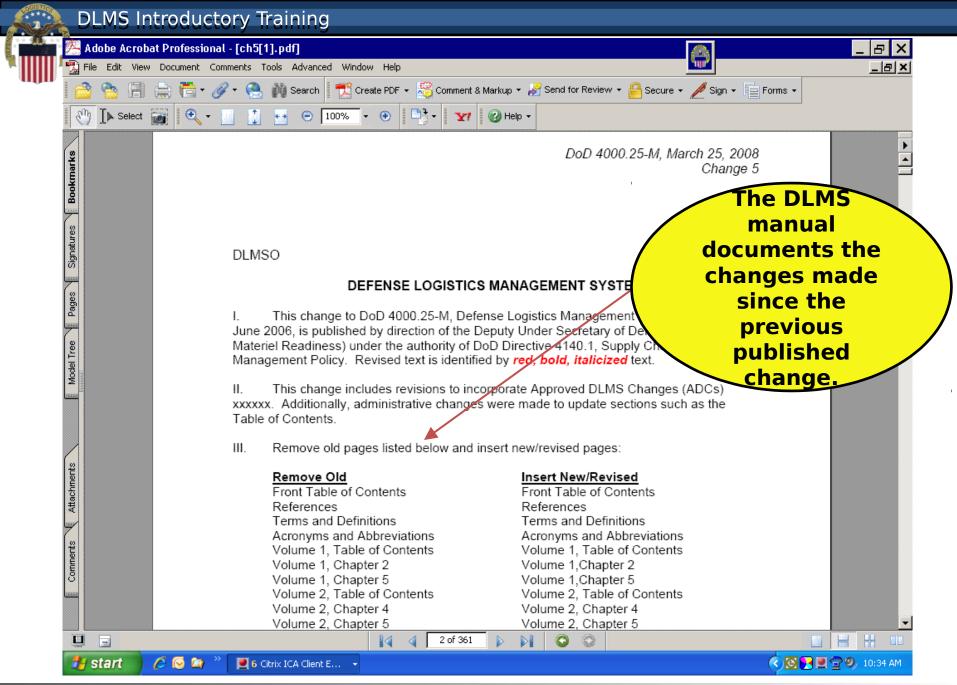
Components Implement

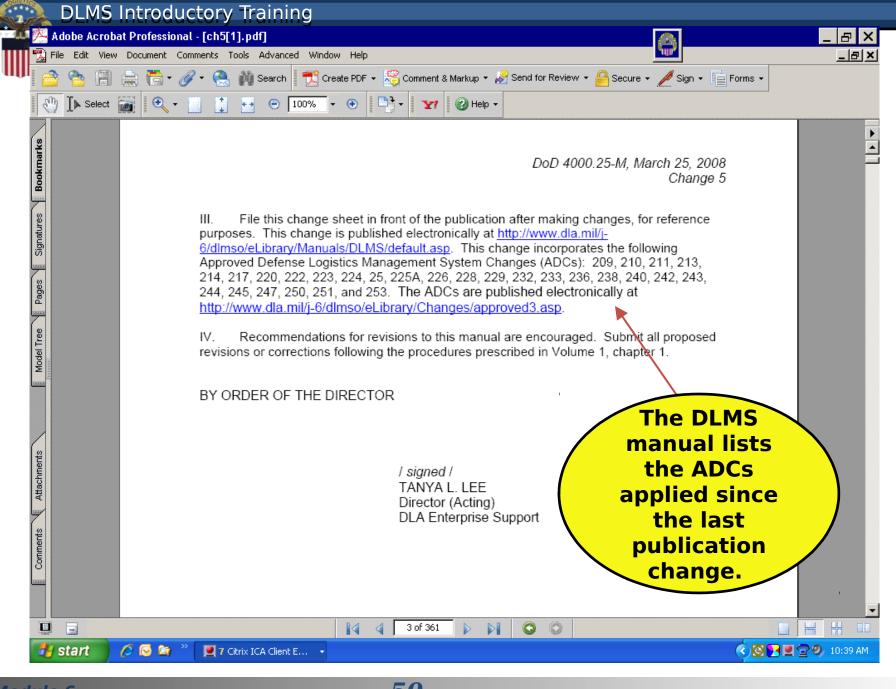














DLYS Introductory Training PDC Questions

& Answers

- Where are the instructions for filling out a Proposed DLMS Change?
 - DLM 4000.25, Volume 1, Chapter 3, and on DLMS Web site under quick links, "Defense Logistics Manuals" or "DLMS Process Changes"
- Who can prepare and submit a Proposed DLMS Change?
 - Anyone, but it must be submitted to DLMS via the Component designated representative to the applicable DLMS Process Review Committee.
- Who assigns the PDC Number and what is it used for?

Answers

- Why aren't the PDC #s that become approved DLMS changes (ADCs) always perpetuated as the ADC #.
 - Historically, there was not a one-to-one relationship of PDCs to ADCs; not all PDCs are approved, multiple PDCs may be approved as a single ADC, etc.
 - When the ADC was published, it always identified the PDC # or #s under which it was originally staffed.
 - Effective January 2012 in the 1000 series of DLMS changes, the PDC and ADC numbers match.
- How long does the PDC/ADC cycle take?
- Depends on complexity, priority of the change Module 6 and how well PD€(s) are developed. Could be



Summary

- DLMS is a broad base of DoD-approved business rules, standards, objects and processes designed for total logistics support.
- DLA Logistics Management Standards office employs a time proven structured collaboration model to ensure support of needed business process improvements while maintaining interoperability across the enterprise.
- Anyone can submit a proposed DLMS change (PDC) through their designated DLMS Process Review Committee (PRC) representative.
- Instructions are contained in the DLMS Manual, DLM 4000.25-M, Volume 1, Appendix 1 & the DLA Logistics Management Standards office Web site
- PRCs which review, staff and revise PDCs until they, in most cases, become and are published as approved DLMS changes (ADCs).



Module 6 Quiz

- Question 1: Where can the instructions be found for preparation of a proposed DLMS change (PDC)?
 - a) The DOD Directive 8190.1
 - b) DoD 4140.1-R
 - c) DLA Logistics Management Standards office Web site
 - d) DLM 4000.25-M, Volume 1, Appendix1
- Question 2: Who can draft a proposed DLMS change and who must submit PDCs to DLA Logistics Management Standards office?
 - e) Component PRC Representative
 - f) Anyone
 - g) Flag level Officer
- Question 3: Where are Approved DLMS changes published?
 - h) DOD Directive 8190.1
 - i) DLA Logistics Management Standards office Web site

Responsive / Complete

Submitter

DLMSO

Day 1: Need a new code

Day 7: To identify a facility

Day 16: Track vehicles

Day 30: Repair Record

Day 45: ID "bad actors"

Day 60: Too many repairs

Day 85: MTBF < 100 hours

Day 95: Month

Day 120: Wheels

To do what? (Bus Process)

Why?

Already done -what's new?

What about it?

Criteria?

Criteria?

Per day, month, year?

All NSN?

All wheels?

Supervisor to Subordinate: "How's the process change coming?" NOT WELL LMSO ASKS TOO MANY QUESTIONS



End of Module 6